OSBOARD$_{tm}$ now only $29.95

Graphics Editor Software for the Osborne 1 and Executive

With the OSBOARD software package, you gain full control of the graphics power built into your Osborne 1 or Executive computer. OSBOARD is to graphics what a word processor is to text. OSBOARD allows you to easily create graphics screens using every possible graphic or alphanumeric character and video attribute built into your machine -- video attributes like underlining, high/low intensity (and on the Executive: alternate character set, blinking and inverse video).

Look at what the reviewers said: "...greatly enhances the versatility and usefulness of the machine. Any Osborne user interested in exploring the computer's graphic potential should seriously consider this fine program." (George Taylor in **Portable Companion**). "...this is the most comprehensive assembly language graphics package evaluated by ON. [The manuals] are excellent and user readable." (Earl Holland in ON -- **The Osborne Newsletter**).

To use OSBOARD, you merely move the cursor around the screen with the arrow keys and deposit graphic or alphanumeric data anywhere you wish. When you're done, your graphic screens may be saved to disk. You may easily recall and re-edit the saved file at a later time.

Additionally, your graphic creations may be printed on many dot-matrix and daisy wheel printers including the following: Epson (with Graftrax), IDS Prism 80/132 (with Dot-Plot) and Microprism, C Itoh Starwriter and Prowriter, Okidata 82/83 (with OkiGraph) and 92/93, NEC 8023AC, Transtar 130, Silver Reed 550, Qume Sprint 5 and all Diablo 630 compatible daisy wheel printers.

A special program, CONVERT, is provided which allows graphics files to be translated into formats that make it easy for you to add graphics to your own programs written in Basic, Cbasic or assembly language.

The Osborne 1 version of OSBOARD allows you to create graphic screens with widths of 52, 80 or 104 columns -- even on a "standard" 52 column machine.

The Executive version of OSBOARD uses the Executive's built-in "windowing" capabilities to provide advanced features like block move, block delete, block fill and many more.

Both the Executive and Osborne 1 versions of OSBOARD are menu driven and easy for even the novice user to master. You'll be creating on-screen logos, eye catching signon messages for your programs and just plain electronic art in minutes. A number of sample graphics files are included on the program disk to quickly show you the powerful capabilities of the package.

A product of

DG/Systems, 23145 Bigler Street, Woodland Hills, CA 91364

OSGRAPH$_{tm}$ reduced to $34.95

Affordable Business Graphics for the Osborne 1 and Executive

With OSGRAPH, your Osborne 1 or Executive computer and printer become capable of producing sophisticated business graphics. OSGRAPH will help you to put the data you generate with your computer into a form that's easy to understand and analyze.

The OSGRAPH package processes just about any data source (hand-entered data, SuperCalc data, dBase II data, Mbasic program output and more) into high quality bar charts (both horizontal and vertical formats), pie charts and xy plots (scatter graphs). Reduced size samples of OSGRAPH plots are shown on the next page.

Charts and graphs are created on-screen with OSGRAPH through an easy-to-understand menu driven design process. Chart parameters can be changed at any time and the results displayed instantly. Charts may be saved on disk for later re-editing or for printing on most dot-matrix and daisy wheel printers.

Charts are fully labelled automatically by OSGRAPH but the user may override this process and add custom labels anywhere on screen at any time. Completed charts and graphs are a full eighty columns wide (eight inches wide when printed) and are perfect for inclusion in reports and other documents. OSGRAPH works on all Osborne computers -- single density, double density, Osborne 1 (with or without the Screen-Pac 80 column option) and the Executive.

Standard features include:

Clearly written 76 page user's manual

Both dot-matrix and daisy wheel printers supported:
Epson (with Graftrax), IDS Prism 80/132 (with Dot-Plot) and Microprism,
C Itoh Starwriter and Prowriter, Okidata 82/83 (with OkiGraph) and 92/93,
NEC 8023AC, Transtar 130, Silver Reed 550, Qume Sprint 5
and all Diablo 630 compatible daisy wheel printers

Numbers may be displayed in standard or exponential format

Chart limits may be selected by user or autoscaled by OSGRAPH

User instructions appear on-screen at all times

OSGRAPH is completely compatible with our OSBOARD and OSBRIEF packages

Supplied on three SD or two DD Osborne format diskettes

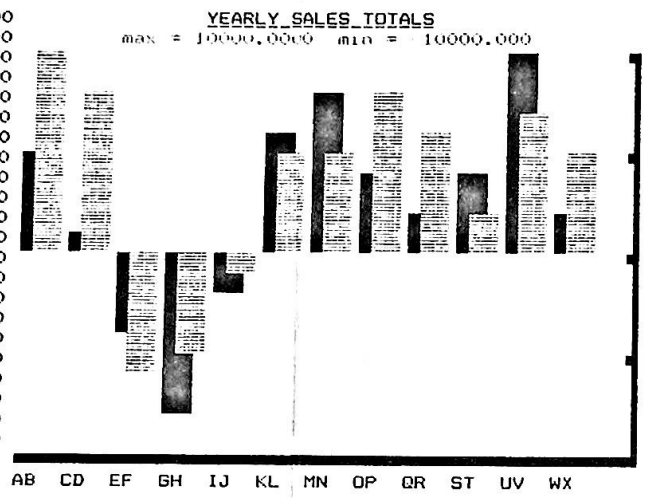
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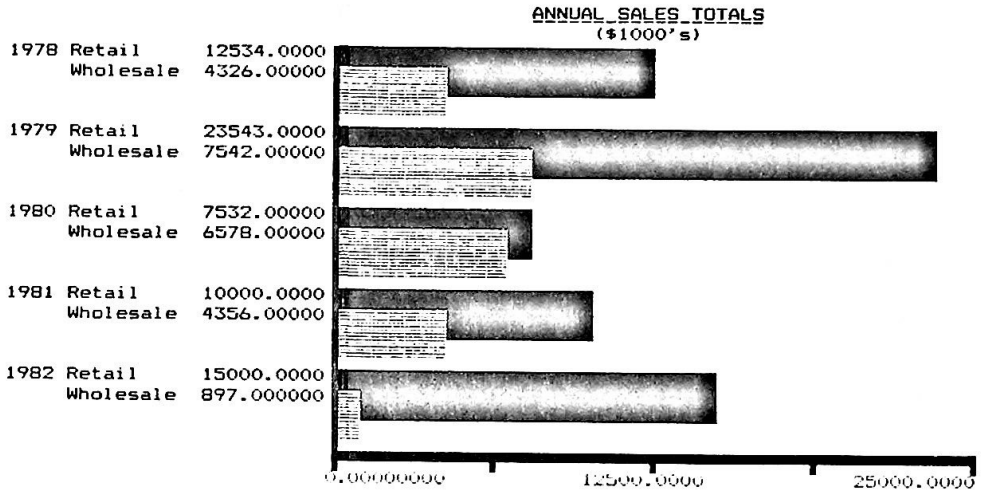
Sample Chart and Graph Printouts from the from the OSGRAPH Plotting Package

(Reduced 60%)

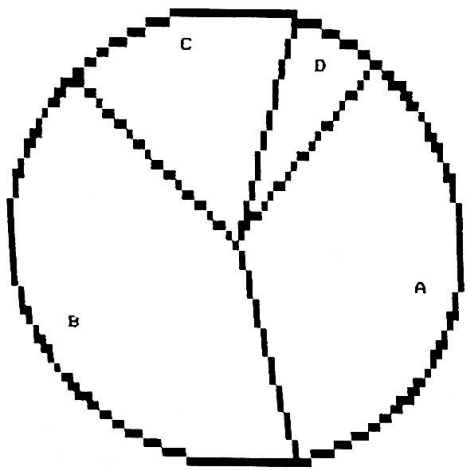
A	January	1981	4684.00000
B		1982	9746.00000
C	February	1981	1236.00000
D		1982	8264.00000
E	March	1981	-3589.0000
F		1982	-5634.0000
G	April	1981	-8325.0000
H		1982	-4521.0000
I	May	1981	-1956.0000
J		1982	-1237.0000
K	June	1981	5556.00000
L		1982	4697.00000
M	July	1981	7931.00000
N		1982	4933.00000
O	August	1981	3646.00000
P		1982	7923.00000
Q	September	1981	1647.00000
R		1982	5673.00000
S	October	1981	4211.00000
T		1982	1647.00000
U	November	1981	9776.00000
V		1982	6546.00000
W	December	1981	2222.00000
X		1982	4667.00000



Vertical Bar Chart



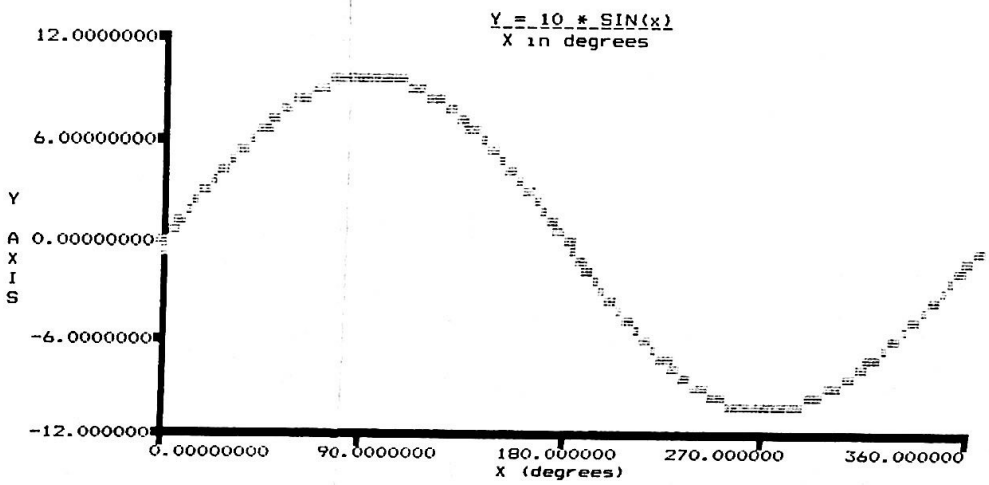
Horizontal Bar Chart



Quarterly Sales Summary
for 1982

LABEL	VALUE	%
A First Quarter	6589258.00	35.45
B Second Quarter	7643000.00	41.12
C Third Quarter	3125689.00	16.82
D Fourth Quarter	1226980.00	6.60

Pie Chart



XY Plot (Scatter Graph)

ORDER FORM

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Quantity	Product	Each	Total
_____	Osboard (Osborne 1 version)	$29.95	_____
_____	Osboard (Executive version)	$29.95	_____
_____	Osbrief (Osborne 1 version)	$24.95	_____
_____	Osbrief (Executive version)	$24.95	_____
_____	Osgraph (Osborne 1 single density)	$34.95	_____
_____	Osgraph (Osborne 1 double density or Executive)	$34.95	_____

Sub-total:	_____
Sales Tax (California 6%, Los Angeles County 6.5%):	_____
Postage:	$2.00
Total Enclosed:	_____

ORDERING INFORMATION

SPECIAL OFFER: For a limited time, if you buy both OSBOARD and OSGRAPH, we'll send you OSBRIEF at NO CHARGE.

To order by telephone, call our **TOLL FREE** 24 hour order line:

1-800-824-7888 (Ask for Operator 407)

In Alaska or Hawaii: 1-800-824-7919 (Ask for Operator 407)

To order via CompuServe, address EMAIL to [70235,1346]

To order via the Source, address SMAIL to STE444

All phone, Source and CompuServe orders will be sent UPS COD -- you pay with your check or cash upon delivery. COD costs no more than regular mail order because we pay all COD charges. All items are in stock for immediate delivery. Since we prefer UPS service, please give us a street address for delivery if possible.

The toll free numbers are for orders only. For technical information, please write us directly or contact us via the Source, CompuServe or over our regular office telephone line: (818) 716-1655

Or mail completed order form with check, money order or company purchase order to:

DG/Systems, 23145 Bigler Street, Woodland Hills, CA 91364

Phone: (818) 716-1655 Source STE444 CompuServe [70235,1346]

InfoWorld
The Newsweekly for Microcomputer Users

Review: OsGraph, OsBoard and OsBrief

BY JONATHAN ANGEL
Contributor

People have claimed, almost since its release, that the Osborne 1 can't handle graphics. They generally ignored the machine's 32-character graphics set, which is available in two intensities when you invoke some BASIC programs. This trio of programs, OsGraph, OsBoard and OsBrief, should completely eliminate the misunderstanding. Despite the Osborne 1's limitations, you can still get good enough charts or graphs for all but the most critical business applications. (You can use a supported printer to mirror your screen displays.)

OsGraph offers you the ability to take data, either from MBASIC, SuperCalc or dBASE II files or that you've entered manually, and graph it as a horizontal or vertical bar chart, xy plot (scatter graph) or pie chart. You can preview a chart at any stage in its development before printing it or save it to disk for future editing or display. OsBoard, a "free hand drawing" program, turns the Osborne's keyboard into a graphics editor. Not only can you use it to edit graphs created with OsGraph, but you can also use it to draw and print anything else, such as logos or letterheads. Furthermore, it comes with utilities that let any MBASIC program invoke graphics designed using OsBoard.

OsBrief (which requires OsBoard for use) allows Osborne computers to be used for electronic slide shows. You can display sequentially any number of OsGraph or OsBoard graphic screens on your monitor. You can preset the length of time for each projection or personally change the slides with a keystroke. Fades between screens, wipes and other special effects are possible with this program.

OsGraph cannot take a formula and automatically plot it for a set of values. It can, however, calculate percentages from your data for a pie chart, and its automatic labeling of the value for every slice or bar overcomes some of the hardware's lack of resolution.

You can store commonly used chart formats and any data used in a separate file in order to try graphing it in several ways. Reading in data from files created by other programs is not difficult; exporting graphics to MBASIC programs works fine too. Charts created by OsGraph are always 25 lines by 80 columns, but you can use OsBoard to truncate or expand them manually, if needed.

The Osborne Executive versions of these programs (which we did not test) offer some additional features. All versions are upward-compatible; graphics created on an Osborne 1 can be used on the Executive as well.

All three programs are easy to install and to begin using. There is only one minor annoyance: For each kind of graph, you must call up a different program from CP/M — HBAR.COM, VBAR.COM, XY.COM, PIE.COM and so on. The same is true for printer drivers; for example, to print files on an Epson printer, you have to call up MXPRINT.COM from CP/M. A master menu *might* have been a more obvious solution; but for those who regularly produce only one type of graph on one type of printer, the present program structure does save disk space and streamline operation. Producing graphs with OsGraph is easy, thanks to the automatic scaling and labeling and to the opportunity to check what you are doing at every point. Choosing proper width and spacing for the bars in the bar graphs might be a "problem" initially, but you can save these parameters in a format file once you've decided. OsBrief is totally straightforward (you set up command files using WordStar or another text editor). OsBoard could only be simpler if you can find an easy way to memorize what each key on the keyboard represents in the graphics-entry mode (the manual has a list for you to consult).

These versions of these programs handle errors well. The programs either trapped or warned us against any error that we were able to make. You can monitor disk space from within the program, and should a disk become full during an attempted file save, you can simply switch to a new one (because a disk reset is automatically generated before any write operation).

Documentation is good and printed clearly via an Epson with Fancy Font software. The manuals are a nice combination of the tutorial and reference approaches. They are easy to skim yet contain all the information needed, with illustrations where appropriate.

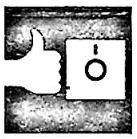
Support for these programs was personal and efficient. According to the User Agreement, registered users are eligible for reduced prices on program revisions.

OsBoard, OsGraph and OsBrief are worthwhile programs, particularly for anyone who wants to add graphics to MBASIC programs on the Osborne. The graphs that can be created, although crude in some ways, will suit any business that values function over form.

Now that Osborne Computer Corporation is not marketing them, the re-release of these programs at lower prices is definitely good news for Osborne users. ●

InfoWorld
Report Card

OsGraph
OsBoard
OsBrief



	Poor	Fair	Good	Excellent
Performance	☐	☐	☑	☐
Documentation	☐	☐	☑	☐
Ease of Use	☐	☐	☑	☐
Error Handling	☐	☐	☐	☑

Summary: OsGraph, OsBoard and OsBrief are three programs that let your Osborne 1 handle graphics. The resulting graphs or charts are suitable for any business that cares more about function than form.

Product details: Priced together, $64.90; separately, OsGraph, $34.95; OsBoard, $29.95; OsBrief, $24.95. You can run OsGraph on either an Osborne 1 or Osborne Executive; separate versions of OsBoard and OsBrief have been developed for each of the Osborne machines. You need 64K RAM and either a dot-matrix or daisy-wheel printer. Distributed by DG/Systems, 23145 Bigler Street, Woodland Hills, CA 91364; (213) 716-1655.

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OSBRIEF$_{tm}$ available for only $24.95

Electronic Slide Show Processor for the Osborne 1 and Executive

Now you can create eye popping graphic displays with ABSOLUTELY NO PROGRAMMING! That's right -- NO PROGRAMMING! While most graphics editors (including our own OSBOARD) allow you to easily display files using Basic programs, OSBRIEF allows you to sequence and display any number of graphic screens by just listing the file names in the order you wish to have them displayed -- OSBRIEF does the rest! OSBRIEF is designed for use with graphic data files created with OSBOARD or with charts and graphs created with OSGRAPH.

OSBRIEF is the ideal tool for creating automated briefings, electronic slide shows, self-running demonstrations, sales aids or for just about any use that requires attended or unattended presentation of graphic data.

A typical OSBRIEF presentation is controlled by a master file which you create with Wordstar. The master file contains the names of the graphics files to be displayed, the order in which they will be displayed, the "special effect" to be used to write each file to the screen, and the amount of time that each file will remain on-screen. Eleven spectacular special effects are available including four "wipes" (left-to-right, right-to-left, top-to-bottom and bottom-to-top), fade-in and fade-out, curtains open and close, push up and push down, spiral and more!

An OSBRIEF presentation must be seen to be truly appreciated. Each screen may be displayed from 1 to 99 seconds or it may be frozen on-screen until any key is depressed. The master file may also contain special commands to paint the screen white, black or gray as well as a command which causes the demonstration to repeat until halted.

The OSBRIEF package includes a bonus utility program called CHANGE. CHANGE converts ordinary text files (from Wordstar, SuperCalc, etc.) into a format compatible with OSBRIEF -- making it easy to interweave text and graphics in your presentations.

The Osborne 1 version of OSBRIEF automatically handles files of all standard widths (i.e. 52, 80 and 104 columns). The Executive version is "upward compatible" with the Osborne 1 version, that is, it will read and display all files -- even those created on an Osborne 1.

OSBRIEF is very "user friendly" and it's clear and easy-to-understand manual and helpful error messages will help you to get your presentation "on the air" in a minimum of time.

Even though OSBRIEF is a bargain at $24.95 -- it can be yours for **FREE**! For a limited time, if you buy both OSBOARD and OSGRAPH at their regular prices -- we'll throw in OSBRIEF at no charge. That's a deal you shouldn't pass up!

A product of

DG/Systems, 23145 Bigler Street, Woodland Hills, CA 91364